Resume For Chris L. Troutner

1004 Commercial Ave #458, Anacortes, WA 98221 ♦ (206) 718-6422 ♦ chris.troutner@gmail.com
Online Portfolio: http://ChrisTroutner.com & http://IslandWebHelp.com

Work History:

➢ **Freelance Full Stack JavaScript Developer at Island Web Help – June '13 to Present**: Island Web Help (http://IslandWebHelp.com) is my freelance company. I build websites and web apps for small to medium sized organizations. I primarily work with KeystoneJS, but also work with WordPress and Shopify. I do a lot of front end customization as well as server-side app development.

➢ **Web Designer & Full Stack Programmer at Skagit Publishing – Oct '15 to Present**: I work remotely, part time for Skagit Publishing. I design and maintain websites for newspaper advertising clients, and I develop apps for their parent company. Most of my work uses KeystoneJS CMS. **KeystoneJS** is an open source **MEAN** application using **Node/Express.js** and **MongoDB**. Front end websites are designed using **jQuery**, **Angular.js**, and **Bootstrap**. My department is essentially a company within a company. Highly autonomous, we provide web design and marketing services when an advertising client also needs a website.

➢ **Test Engineer at Integra – 6/13-4/15: 1.5 Years** (integragroup.com): I joined Integra in order to transition from a career in hardware into commercial software. Integra was also my introduction to working on an **Agile Scrum** team. I work in the QA department on their flagship product, DocuTrack, which is document management software for pharmaceutical companies. Unlike previous jobs, there was no hardware component. It was all software. Roughly half my time was spent in manual UI and SQL database testing and the other half was spent writing automated test-cases using JavaScript. I also took charge of maintaining the internal testing documentation for the QA team and assisted in the build out of a Build Verification Test (BVT) system that automatically tested the nightly build an against an extensive library of automated test cases.

➢ **Test Engineer / Project Manager at the PACCAR Technical Center – 1/10-4/13: 3.5 Years**: At PACCAR I managed several engineering projects, coordinated the efforts of technicians in several departments, managed project budgets with a cumulative total of over $500,000, and authored and maintained technical documents that governed company best practices. At PACCAR I took several courses on Six Sigma and Reliability Engineering. Many of these lessons translate directly to **Agile Scrum** testing, as Agile was developed from Six Sigma principles. I reported to management at every level of the company and never received anything but praise for my work. References available upon request.

➢ **Electrical Design Engineer at Synapse Product Development – 6/08-12/08: 6 Mo**. At Synapse I designed several circuits for clients which included Nike, Panasonic, Tetracore, Yakima, and other companies. These products included medical equipment, sports equipment, automotive electronics, and consumer products. My contact expired early due to the 2008 financial crisis.

➢ **Test Engineer at Xerox – 6/07-6/08: 1 Year**. My primary duty was to design test fixtures for the functional testing of printer and copy machine components built in their China manufacturing facilities. This position utilized my skills in circuit design as well as software development of firmware and PC-side scripting in JavaScript. Using JavaScript, I created a suite of test-cases that exercised the software and hardware in their printer products. In addition to my primary duties, I designed a new system for interfacing with oscilloscopes during functional testing that saved the company $2,500 per fixture or roughly $20,000 per year.

Side Projects:

• Through my work at Skagit Publishing, I created ConnextCMS (ConnextCMS.com). It's an open source content management system (CMS) similar to WordPress, but the entire software stack is built using JavaScript, and nothing else. It builds on top of KeystoneJS. A brief technical overview of the project can be found at ConnextCMS.com.

Education:

Degree: BS in Computer Science & Electrical Engineering (dual degree) from Oregon State University – Graduated with a 3.15 GPA

Languages: JavaScript, Angular.js, Node.js, Express.js, MongoDB, SQL, QBasic, Visual Basic, PBasic, C, PIC and AVR assembly, Java, Matlab.